## **Shell Oil Company**



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Shell Solar and WorldWater to Announce the World's Largest Solar Irrigation Pump to be Unveiled at March 27 Event Mendota-area farm demonstrates economic, environmental and energy benefits gained from solar

**CAMARILLO, Calif--** The world's first solar-powered 50 horsepower irrigation pump will be unveiled at a commissioning ceremony Thursday, March 27, 12:30 p.m., at the D.T. Locke Ranch in Mendota, west side of the San Joaquin Valley.

The proprietary state-of-the-art solar irrigation pump system – the only one of its size in the world— provides several benefits for agriculture, including a "clean air" alternative energy source such as solar electric, utilizing Shell Solar panels, for pumping groundwater, as well as long-term economic savings in energy costs.

"This project we've done with WorldWater is very unique in that it has a dual function - it is grid-connected, and if the grid fails, the solar will power the pumps when the sun shines," stated Raju Yenamandra, director of sales for Shell Solar.

"This system can play a key role in the long-term viability of California's great agricultural industry," said Quentin Kelly, president and CEO of WorldWater Corporation, designer and builder of the system. "Solar power offers farmers an alternative energy source that is reliable, affordable and clean, which is a significant plus for air quality in the San Joaquin Valley."

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Joining WorldWater Executives Dr. Guy Phillips, president and CEO of WorldWater's West Coast

division, WorldWater-California, and Kelly at the event will be California Energy Commissioner

Robert Pernell. Also participating in the event will be California Farm Bureau President Bill Pauli

and International Center for Water Technology Director Dr. David Zoldoske.

The event will showcase WorldWater Corp.'s hybrid solar water pumping system, "AquaMax<sup>TM</sup>,"

which features a 108-foot-long solar array that captures the sun's energy to power a three-phase 36-

kilowatt, 50-horsepower irrigation pump. The controller converts solar DC current to AC, which

powers the pump from either the solar array or from the electrical grid, or from both sources in

combination if necessary.

The proprietary system works in automatic coordination with the electric grid, causing the electric

meter to "spin" backwards, called net metering, when the self-generating electricity isn't used in the

field. Because of its independent energy-producing abilities, the system provides farmers with an

energy source for continued irrigation during an electrical black- or brown-out.

The Mendota system also provides solar energy to power the nearby farm shop, a house and

domestic water well.

The AquaMax<sup>TM</sup> system offers a whole new approach and a significant change in the economics, as

well as the air quality of irrigation and power pumping for farms, ranches, dairies, water districts and

food processing companies, said Kelly.

The event begins with a barbecued tri-tip lunch at 12:30 p.m., followed by the commissioning at

1:30 p.m. For additional information, contact Leon A. Woods, of WorldWater-California, at (916)

449-3929.

WorldWater Corporation is a solar engineering and water management engineering company active

in the U.S. developing countries around the world. In addition to designing, developing and

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marketing solar technology, WorldWater Corporation's full-service management capabilities include advising and supplying farms, dairies, ranches and water authorities on all phases of the water cycle, from finding to pumping to delivering this precious resource.

## FORWARD-LOOKING STATEMENT DISCLOSURE

This document may contain statements, which constitute "forward-looking statements." "Forward-looking statements" include any statement which is not of purely historical fact, such as statements concerning plans, objectives, goals, strategies and future events, and underlying assumptions. Such forward-looking statements involve known and unknown risks, and uncertainties expressed or implied by such forward-looking statements and actual results could be materially different from those projected. Actual events or results may differ materially from those discussed in forward-looking statements as a result of various factors, including, without limitation, general economic and business conditions which may impact demand for our solar generated pumps and electricity; changes in tax laws and regulations; our ability to implement our marketing strategy and to expand our business in the worldwide market; our ability to build our production facility up to the level of efficiency and output for our planned production; and changes in laws and government regulations applicable to our business, including laws in foreign nations.

**QUESTIONS:** 

Shell Solar WorldWater Note to Editors: Media is invited to the event. Tina Nickerson 805-388-6519 Shelley Orth 559-284-4597

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